

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 72067-A-PCT-US/JPW/CH														
INTERNATIONAL APPLICATION NO. PCT/US2005/006960	INTERNATIONAL FILING DATE March 3, 2005	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/591520														
TITLE OF INVENTION PHOTOCLEAVABLE FLUORESCENT NUCLEOTIDES FOR DNA SEQUENCING ON CHIP CONSTRUCTED BY SITE-SPECIFIC COUPLING CHEMISTRY																
APPLICANT(S) FOR DO/EO/US Jingyue Ju																
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:																
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <table style="float: right;"> <tr> <td>Specification.....</td> <td>34pp</td> </tr> <tr> <td>Claims.....</td> <td>4pp</td> </tr> <tr> <td>Drawings.....</td> <td>7 sheets</td> </tr> <tr> <td>Sequence Listing.....</td> <td>4pp</td> </tr> </table> </p> <p>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <table style="float: right;"> <tr> <td>a. <input type="checkbox"/> is attached hereto.</td> </tr> <tr> <td>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</td> </tr> </table> </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <table style="float: right;"> <tr> <td>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</td> </tr> <tr> <td>b. <input type="checkbox"/> have been communicated by the International Bureau.</td> </tr> <tr> <td>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</td> </tr> <tr> <td>d. <input checked="" type="checkbox"/> have not been made and will not be made.</td> </tr> </table> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (unsigned)</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>			Specification.....	34pp	Claims.....	4pp	Drawings.....	7 sheets	Sequence Listing.....	4pp	a. <input type="checkbox"/> is attached hereto.	b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).	a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).	b. <input type="checkbox"/> have been communicated by the International Bureau.	c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.	d. <input checked="" type="checkbox"/> have not been made and will not be made.
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<p>Items 11 to 20 below concern document(s) or information included:</p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment. (including Abstract of the Disclosure as Exhibit A)</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>																

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/591520	INTERNATIONAL APPLICATION NO. PCT/US2005/006960	ATTORNEY'S DOCKET NUMBER 72067-A-PCT-US/JPW/CH
20. Other items or information: Return receipt postcard; Statement of Compliance Under 37 C.F.R. §1.821(f); and Express Mail Certificate of Mailing dated September 1, 2006, bearing Express Mail Label No. EV 554809829 US.		
The following fees have been submitted		
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....		\$300
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). \$0 All other situations..... \$200		\$ 200
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500		\$ 100
TOTAL OF 21, 22 and 23 =		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)
49	- 100 = 0	/50 = 0
x \$250 \$ 0		
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		
CLAIMS	NUMBER FILED	NUMBER EXTRA
Total claims	20	- 20 = 0
Independent claims	4	- 3 = 1
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		x \$50 \$ 0
TOTAL OF ABOVE CALCULATIONS = \$ 800		
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.		
SUBTOTAL = \$ 400		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). +		
TOTAL NATIONAL FEE = \$ 400		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		
TOTAL FEES ENCLOSED = \$ 400		
Amount to be refunded:		\$
Amount to be charged:		\$

10/591520
IAP9 Rec'd PCT/PTO 01 SEP 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

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- a. A check in the amount of \$ 300.00 to cover the above fees is enclosed.
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- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-3125. A duplicate copy of this sheet is enclosed.
- d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

John P. White
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1185 Avenue of the Americas
New York, New York, 10036
United States of America



SIGNATURE

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NAME

28,678

REGISTRATION NUMBER

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Dkt. 72067-A-PCT-US/JPW/CH

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jingyue Ju
U.S. Serial No. : Not Yet Known (national stage of PCT International Application No. PCT/US2005/006960)
Filed : Herewith
For : PHOTOCLEAVABLE FLUORESCENT NUCLEOTIDES FOR DNA SEQUENCING ON CHIP CONSTRUCTED BY SITE-SPECIFIC COUPLING CHEMISTRY

1185 Avenue of the Americas
New York, New York 10036
September 1, 2006

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE OF MAILING
FOR ABOVE-IDENTIFIED APPLICATION

''Express Mail'' mailing label number: EV 554 809 829 US
Date of Deposit: September 1, 2006

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Printed Name: Jingyue Ju

Respectfully submitted,

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